

Substitute Form PTO-1449 (Modified) FEB 09 2004 (37 CFR 1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 07039-460001	Application No. 10/716,005
	Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant James R. Uhl et al.	
			Filing Date November 18, 2003	Group Art Unit 1634

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AC							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
9D	AD	Bassler et al., "Use of a Fluorogenic Probe in a PCR-Based Assay for the Detection of <i>Listeria monocytogenes</i> ," <u>Applied and Environmental Microbiology</u> , 1995, 61(10):3724-3728
9D	AE	Espy et al., "Diagnosis of Herpes Simplex Virus Infections in the Clinical Laboratory by LightCycler PCR," <u>J. Clin. Microbiol.</u> , 2000, 38(2):795-799
	AF	
	AG	

Examiner Signature <i>Johanne Sitt</i>	Date Considered 6/19/06
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							Yes	No
90	AC	EP 1 045 033	10/18/00	EPO				
90	AD	WO 98/48046	10/29/98	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
90	AE	Al-Robaity et al., "Rapid Competitive PCR Using Melting Curve Analysis for DNA Quantification," <u>BioTechniques</u> , 2001, 31:1382-1388
	AF	Bélanger et al., "Rapid Detection of Shiga Toxin-Producing Bacteria in Feces by Multiplex PCR with Molecular Beacons on the Smart Cycler," <u>J. Clin. Microbiol.</u> , 2002, 40:1436-1440
	AG	Bellin et al., "Rapid Detection of Enterohemorrhagic <i>Escherichia coli</i> by Real-Time PCR with Fluorescent Hybridization Probes," <u>J. Clin. Microbiol.</u> , 2001, 39:370-374
	AH	Chen et al., "An Automated Fluorescent PCR Method for Detection of Shiga Toxin-Producing <i>Escherichia coli</i> in Foods," <u>Appl. Environ. Microbiol.</u> , 1998, 64:4210-4216
	AI	Didenko, "DNA Probes Using Fluorescence Resonance Energy Transfer (FRET): Designs and Applications," <u>BioTechniques</u> , 2001, 31:1106-1121
	AJ	Ramotar et al., "Direct Detection of Verotoxin-Producing <i>Escherichia coli</i> in Stool Samples by PCR," <u>J. Clin. Microbiol.</u> , 1995, 33:519-524
	AK	Livak et al., "Oligonucleotides with Fluorescent Dyes at Opposite Ends Provide A Quenched Probe System Useful for Detecting PCR Product and Nucleic Acid Hybridization," <u>Genome Research</u> , 1995, 4:357-362

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Sheet 1 of 1

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(37 CFR §1.98(b))

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							Yes	No
op	AB	WO 02/61390	08/08/02	PCT				
	AC	WO 02/18660	03/07/02	PCT				
↓	AD	WO 99/45155	09/10/99	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
op	AE	Brink et al., "Nucleic Acid Sequence-Based Amplification, A New Method for Analysis of Spliced and Unspliced Epstein-Barr Virus Latent Transcripts, and Its Comparison with Reverse Transcriptase PCR," <u>J. Clin. Microbiol.</u> , 1998, 36(11):3164-3169
	AF	Caplin et al., "LightCycler™ hybridization probes; The most direct way to monitor PCR amplification for quantification and mutation detection," <u>Biochemica</u> , 1999, 1:5-8
	AG	Espy et al., "Quantification of Epstein-Barr Virus (EBV) Viral Load in Transplant Patients by LightCycler PCR," <u>Abstracts of the General Meeting of the American Society for Microbiology</u> , 101 st General Meeting, May 20-24, 2001, 101:182, Abstract No. C-148
	AH	Espy et al., "Diagnosis of Varicella-Zoster Virus Infections in the Clinical Laboratory by LightCycler PCR," <u>J. Clin. Microbiol.</u> , 2000, 38(9):3187-3189
Duplicate	AI	Espy et al., "Diagnosis of Herpes Simplex Virus Infections in the Clinical Laboratory by LightCycler PCR," <u>J. Clin. Microbiol.</u>, 2000, 38(2):795-799
op	AJ	Espy et al., "Detection of Smallpox Virus DNA by LightCycler PCR," <u>J. Clin. Microbiol.</u> , 2002, 40(6):1985-1988
	AK	Sample et al., "Two Related Epstein-Barr Virus Membrane Proteins are Encoded by Separate Genes," <u>J. Virol.</u> , 1989, 63(2):933-937
	AL	Smith, "Application of Lightcycler Real Time PCR in Clinical Virology," <u>Clin. Chem. Lab. Med.</u> , 2001, Special Supplement, 39:S60, Abstract No. ISW14-2
↓	AM	Telenti et al., "Detection of Epstein-Barr Virus by Polymerase Chain Reaction," <u>J. Clin. Microbiol.</u> , 1990, 28(10):2187-2190

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U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
9	AA	5,702,895	12/30/97	Matsunaga et al.			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
9	AB	1 160 333	12/05/01	EPO				
	AC	0 526 876	02/10/93	EPO				
	AD	WO 03/068918	08/21/03	PCT				
	AE	WO 01/23604 (on CD-ROM)	04/05/01	PCT				
	AF	WO 01/12803	02/22/01	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
9	AG	Arthur et al., "Enterococcus faecium transposon Tn1546 transposase, resolvase, vanR, vanS, vanH, vanA, vanX, vanY and teicoplanin resistance protein (vanZ) genes, complete cds," 1993, database accession no. M97297
	AH	Grisold et al., "Detection of Methicillin-Resistant <i>Staphylococcus aureus</i> and Simultaneous Confirmation by Automated Nucleic Acid Extraction and Real-Time PCR," <i>J. Clin. Microbiol.</i> , 2002, 40:2392-2397
	AI	Huletsky et al., "Rapid Detection of Vancomycin-Resistant Enterococci Directly from Rectal Swabs by Real-Time PCR Using the Smart Cycler," <u>Abstracts of the Interscience Conference on Antimicrobial Agents and Chemotherapy</u> , Chicago, Illinois, September 22-25, 2001, 41:409 (Abstract K-1195)
	AJ	Ito et al., "Staphylococcus aureus DNA, type-I staphylococcal cassette chromosome mec," 1999, database accession no. AB033763
	AK	"LightCycler-FastStart DNA Master Hybridization Probes," 1999 Roche Diagnostics GmbH Technical Manual, retrieved from the internet on February 6, 2004: http://www.roche-applied-science.com
	AL	Palladino et al., "Real-time PCR for the rapid detection of <i>vanA</i> and <i>vanB</i> genes," <u>Diagnostic Microbiology and Infectious Disease</u> , 2003, 45:81-84
	AM	Palladino et al., "Rapid Detection of <i>vanA</i> and <i>vanB</i> Genes Directly from Clinical Specimens and Enrichment Broths by Real-Time Multiplex PCR Assay," <i>J. Clin. Microbiol.</i> , 2003, 41:2483-2486
	AN	Patel et al., "Enterococcus faecalis vancomycin resistance protein vanB gene, partial cds," 1997, database accession no. U72704
	AO	Patel et al., "Enterococcus faecium vancomycin resistance protein B (vanB) gene, partial cds," 1997, database accession no. U94528

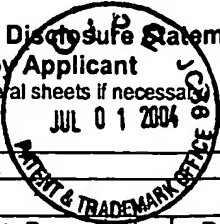
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		Filing Date November 18, 2003	Group Art Unit 4641 / 634

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
SP	AP	Petrich et al., "Direct detection of <i>vanA</i> and <i>vanB</i> genes in clinical specimens for rapid identification of vancomycin resistant enterococci (VRE) using multiplex PCR," <u>Molecular and Cellular Probes</u> , 1999, 13:275-281
J	AQ	Reischl et al., "Rapid Identification of Methicillin-Resistant <i>Staphylococcus aureus</i> and Simultaneous Species Confirmation Using Real-Time Fluorescence PCR," <u>J. Clin. Microbiol.</u> , 2000, 38:2429-2433
↓	AR	Sloan et al., "Evaluation of a Combined LightCycler Assay for the Detection of VANA, VANB, and VANB-2/3 Genes in Enterococci," <u>Abstracts of the General Meeting of the American Society for Microbiology</u> , 2002, 102:143 (Abstract C-242)

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	AJ						
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							Yes	No
J	AL	EP 269 764	06/08/88	EPO				
	AM	WO 99/19466	04/22/99	PCT				
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

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J	AQ	Ryncarz et al., "Development of a High-Throughput Quantitative Assay for Detecting Herpes Simplex Virus DNA in Clinical Samples," J. Clin. Microbiol., 1999, 37:1941-1947
	AR	
	AS	
	AT	

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U.S. Patent Documents

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<i>p</i>	AA	5,837,452	11/17/98	Clark et al.			
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	AD						

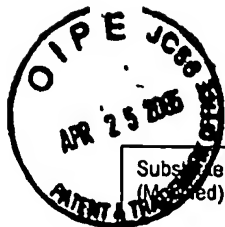
Foreign Patent Documents or Published Foreign Patent Applications

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							Yes	No
<i>p</i>	AE	WO 00/70096	11/23/00	PCT				
<i>p</i>	AF	0 338 591	10/25/89	EPO				
	AG							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
<i>p</i>	AH	Holland et al., "PCR Detection of <i>Escherichia coli</i> O157:H7 Directly from Stools: Evaluation of Commercial Extraction Methods for Purifying Fecal DNA," <i>J. Clin. Microbiol.</i> , 2000, 38:4108-4113
	AI	Machiels et al., "New Protocol for DNA Extraction of Stool," <i>BioTechniques</i> , 2000, 28:286-290
	AJ	McOrist et al., "A comparison of five methods for extraction of bacterial DNA from human faecal samples," <i>J. Microbiological Methods</i> , 2002, 50:131-39
<i>↓</i>	AK	Van der Hoek et al., "Isolation of Human Immunodeficiency Virus Type 1 (HIV-1) RNA from Feces by a Simple Method and Difference between HIV-1 Subpopulations in Feces and Serum," <i>J. Clin. Microbiol.</i> , 1995, 33:581-588

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U.S. Patent Documents

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gp	AA	6,593,093	07/15/03	Uhl et al.			

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							Yes	No
gp	AB	WO 00/37646	06/29/00	PCT				
	AC	WO 02/34771	05/02/02	PCT (on CD)				
	AD	WO 02/92818	11/21/02	PCT				
	AE	WO 03/25216	03/27/03	PCT				
	AF	WO 03/93306	11/13/03	PCT				

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
gp	AG	Bergeron et al., "Rapid Detection of Group B Streptococci in Pregnant Women at Delivery," <u>New England J. Med.</u> , 2000, 343(3):175-179
gp	AH	Ke et al., "Development of conventional and real-time PCR assays for the rapid detection of group B streptococci," <u>Clin. Chem.</u> , 2000, 46(3):324-331
	AI	
	AJ	

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